

In the claims: The claims are as follows:

1. (Previously presented) A method for use by a user equipment device enabled for communication with other telecommunication devices via a network including a radio access network and providing general packet radio service, the method for use by the user equipment device in responding to a message from the network indicating a change in a service access point identifier connection from an old service access point identifier to a new service access point identifier, the method comprising:

the user equipment device, in response to an indication from the network of a change from the old service access point identifier to the new service access point identifier, setting a timer for a period of time; and

the user equipment device terminating the old service access point identifier.

2. (Previously presented) The method of claim 1, wherein in terminating the old service access point identifier, the old service access point identifier is not terminated until after the period of time expires, wherein the period of time is predetermined to be long enough for the network to send to the new service access point a message providing compressions for the new service access point.

3. (Original) A method as in claim 1, wherein the timer period is set to approximately 15 seconds.

4. (Previously presented) A computer program product comprising: a computer readable storage structure embodying computer program code thereon for execution by a computer processor in a user equipment device, with said computer program code characterized in that it includes instructions for performing the method of claim 1.

5. (Previously presented) A user equipment device enabled for communication with other telecommunication devices via a network including a radio access network and providing general packet radio service, the user equipment device adapted for responding to a message from the network indicating a change in a service access point identifier connection from an old service access point identifier to a new service access point identifier, the user equipment device comprising:

means, responsive to an indication from the network of a change from the old service access point identifier to the new service access point identifier, for setting a timer for a period of time; and

means for terminating the old service access point identifier.

6. (Previously presented) The user equipment device of claim 5, wherein the means for terminating the old service access point identifier is so adapted that the old service access point identifier is not terminated until after the period of time expires, and wherein the period of time is predetermined to be long enough for the network to send to the new service access point a message providing compressions for the new service access point.

7. (Previously presented) A telecommunication system, comprising a user equipment device and a network including a radio access network and providing general packet radio service, wherein the user equipment device is as claimed in claim 5.

8. (Previously presented) A method for use by a telecommunication network in communicating with a user equipment device enabled for communication with other telecommunication devices, the network including a radio access network and providing general packet radio service, the method for use in indicating to the user

equipment device a change in a service access point identifier connection from an old service access point identifier to a new service access point identifier, the method including:

providing to the user equipment device a request to change to the new service access point identifier;

removing compressions from the old service access point identifier; and

providing compressions for the new service access point identifier;

wherein the network continues to provide messages for the old service access point identifier after providing to the user equipment device the request to change to the new service access point identifier and also provides the messages for the new service access point identifier.

9. (Previously presented) A telecommunication network adapted for communicating with a user equipment device, the network including a radio access network and providing general packet radio service, the telecommunication network adapted for indicating to the user equipment device a change in a service access point identifier connection from an old service access point identifier to a new service access point identifier, the telecommunication network including:

means for providing to the user equipment device a request to change to the new service access point identifier;

means for removing compressions from the old service access point identifier; and

means for providing compressions for the new service access point identifier;

wherein the network is configured to continue to provide messages for the old service access point identifier after

providing to the user equipment device the request to change to the new service access point identifier and also to provide the messages for the new service access point identifier.

10. (Previously presented) A system, comprising a user equipment device and a telecommunication network including a radio access network and providing general packet radio service, wherein the telecommunication network is as in claim 9.

11. (Previously presented) A method, as in claim 1, wherein the indication of a change from the old service access point identifier to the new service access point identifier is provided by a packet data protocol context modify request.

12. (Previously presented) A method, as in claim 11, wherein the timer is set by a subnetwork dependent convergence protocol layer of the user equipment device in response to an subnetwork session management modify indication message issued by a session management entity of the user equipment device in response to the packet data protocol context modify request.

13. (Previously presented) A user equipment device as in claim 5, wherein the indication of a change from the old service access point identifier to the new service access point identifier is included in a packet data protocol context modify request.

14. (Previously presented) A user equipment device as in claim 13, further comprising a session management entity and a subnetwork dependent convergence protocol layer, and the subnetwork dependent convergence protocol layer is configured to set a timer in response to a subnetwork session management modify indication message issued by the session management entity in response to the packet data protocol context modify request.

15. (Previously presented) A method as in claim 8, wherein the request to change to the new service access point identifier is included in a packet data protocol context modify request.

16. (Previously presented) A telecommunication network as in claim 9, wherein the request to change to the new service access point identifier is included in a packet data protocol context modify request.

17. (Previously presented) A user equipment device enabled for communication with other telecommunication devices via a network including a radio access network and providing general packet radio service, the user equipment device adapted for responding to a message from the network indicating a change in a service access point identifier connection from an old service access point identifier to a new service access point identifier, the user equipment device comprising a subnetwork dependent convergence protocol configured to:

receive an indication from the network of a change from the old service access point identifier to the new service access point identifier, and then set a timer for a period of time; and

terminate the old service access point identifier.

18. (Previously presented) The user equipment device of claim 17, wherein the subnetwork dependent convergence protocol is so adapted that the old service access point identifier is not terminated until after the period of time expires, and wherein the period of time is predetermined to be long enough for the network to send to the new service access point a message providing compressions for the new service access point.

19. (Previously presented) A user equipment device as in claim 17, wherein the indication of a change from the old service access

point identifier to the new service access point identifier is included in a packet data protocol context modify request.

20. (Previously presented) A user equipment device as in claim 19, further comprising a session management entity and a subnetwork dependent convergence protocol layer, and the subnetwork dependent convergence protocol layer is configured to set a timer in response to a subnetwork session management modify indication message issued by the session management entity in response to the packet data protocol context modify request.

21. (Previously presented) A telecommunication network adapted for communicating with a user equipment device, the network including a radio access network and providing general packet radio service, the telecommunication network adapted for indicating to the user equipment device a change in a service access point identifier connection from an old service access point identifier to a new service access point identifier, the telecommunication network comprising equipment configured to:

- provide to the user equipment device a request to change to the new service access point identifier;

- remove compressions from the old service access point identifier; and

- provide compressions for the new service access point identifier;

- wherein the equipment is further configured to continue to provide messages for the old service access point identifier after providing to the user equipment device the request to change to the new service access point identifier and also to provide the messages for the new service access point identifier.

22. (Previously presented) A telecommunication network as in claim 21, wherein the request to change to the new service access point

Attorney Docket No.: 944-001.113
Serial No.: 10/618,266

identifier is included in a packet data protocol context modify
request.